

Converting Colors

RGB(198, 153, 120)

Have a look what the booklet for
RGB(198, 153, 120) contains.

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Color

RGB(198, 153, 120)

Conversions

Conversions Part 1

Format	Color
Hex	C69978
RGB	198, 153, 120
RGB Percent	78%, 60%, 47%
CMY	0.2235, 0.4000, 0.5294
CMYK	0.00, 0.23, 0.39, 0.22
HSL	25°, 41%, 62%
HSV	25°, 39%, 78%
XYZ	38.0701, 36.1443, 22.7393
YIQ	162.6930, 37.4130, -0.7230

Conversions

Conversions Part 2

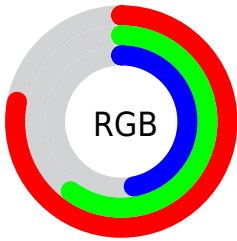
Format	Color
RYB	198, 177, 120
Decimal	13015416
CIELab	66.63, 12.40, 23.81
CIELCh	67, 26.844, 62.477
Yxy	36.1443, 0.3927, 0.3728
Android (android.graphics.Color)	4291205496 (0xFFC69978)
YUV	162.6930, -21.0476, 30.9642
Hunter-Lab	60.1201, 7.8220, 19.6587

Details

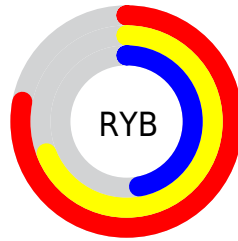
The RGB color **198, 153, 120** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **120, 165, 198**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **255, 207, 173**, and **142, 102, 71** is the 20% darker color. If you saturate the color by 10%, you get **198, 142, 100**, and if you desaturate by 10%, it is **198, 164, 140**.

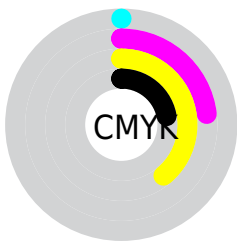
Distribution



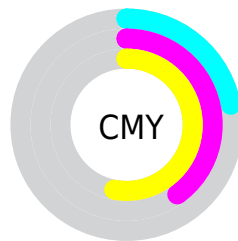
- Red (78%)
- Green (60%)
- Blue (47%)



- Red (78%)
- Yellow (69%)
- Blue (47%)



- Cyan (0%)
- Magenta (23%)
- Yellow (39%)
- Black (22%)



- Cyan (22%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 198, 153, 120 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 198, 153, 120 by changing the saturation by 10% instead.

 198, 153, 120

255, 255, 255

 255, 207, 173

 255, 236, 200

 255, 255, 228

 198, 153, 120

 170, 127, 95

 142, 102, 71

 116, 78, 48

 90, 55, 27

 65, 33, 2

 40, 13, 0


 0, 0, 0

 198, 153, 120


 198, 142, 100


 198, 153, 120


 198, 164, 140

 198, 130, 80

 198, 176, 160

 198, 119, 61

 198, 187, 179

 198, 107, 41

 198, 199, 199

 198, 96, 21

 198, 210, 219

 198, 84, 1

 198, 222, 239

 198, 84, 0

 198, 233, 255

 198, 244, 255

 198, 255, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



210, 146, 137



198, 153, 120



177, 161, 114

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



198, 153, 120



99, 176, 163



168, 155, 203

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



198, 153, 120



120, 165, 198

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



134, 164, 210



198, 153, 120



88, 175, 187

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



198, 153, 120



123, 173, 139



102, 171, 204



195, 148, 185

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



198, 153, 120



160, 166, 117



102, 171, 204



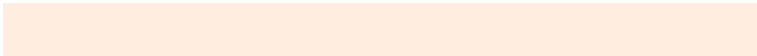
157, 158, 206

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



198, 153, 120



255, 237, 224



198, 120, 166



128, 117, 110



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



198, 153, 120



255, 186, 135



198, 192, 120



99, 94, 90



163, 69, 0



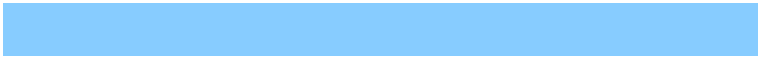
36, 15, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



120, 165, 198



135, 204, 255



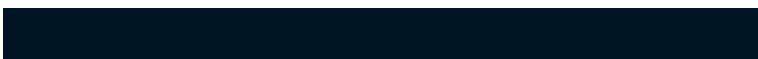
120, 126, 198



90, 95, 99



0, 94, 163



0, 21, 36

Previews

White Background



This preview shows how the RGB color 198, 153, 120 looks on a white background.

Color Contrast Check

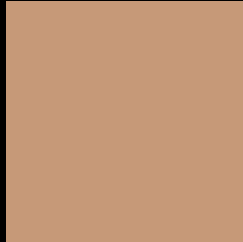
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 198, 153, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

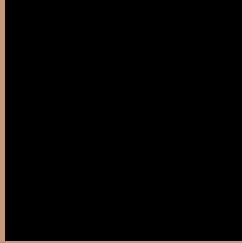
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 198, 153, 120 Background



This preview shows how black text looks on a background with the RGB color 198, 153, 120.



This preview shows how white text looks on a background with the RGB color 198, 153, 120.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
198, 153, 120

Protanopia
173, 162, 124

Deuteranopia
192, 156, 119



Tritanopia
202, 148, 159

Trichromacy



Original Color
198, 153, 120

Protanomaly
182, 159, 123

Deuteranomaly
194, 155, 119

Tritanomaly
201, 150, 145

Monochromacy



Original Color
198, 153, 120

Achromatopsia
163, 163, 163

Achromatomaly
176, 159, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 153, 120 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(198, 153, 120)` looks like.

```
.text, #text, p{  
    color:rgb(198, 153, 120)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(198, 153, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 153, 120) }
```

Border

The CSS property to change the border of an element to RGB 198, 153, 120 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 153, 120) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(198, 153, 120) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(198, 153, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 153, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 153, 120);  
box-shadow:4px 4px 4px 4px rgb(198, 153,  
120) }
```

Background

The CSS property to change the background color of an element to RGB 198, 153, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 153, 120) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(198,  
153, 120) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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